

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

APRIL 1, 1976

PROFESSORS LOBBY MPs OVER UNIVERSITY AND RESEARCH FUNDING

The following is a news release issued by the Canadian Association of University Teachers.

R.D. Bercov, Professor of Mathematics and President of the AASUA, and N. Madsen, Professor of Biochemistry, met with Members of Parliament in Ottawa during the March 11 joint lobby undertaken by the Canadian Association of University Teachers, the Canadian Federation of Biological Societies, and the Canadian Society for Clinical Investigation.

Representatives of the associations met with individual MPs of all parties to discuss three concerns: (1) a rumored cutback by the federal government of its present support, which amounts to fifty percent of the operating costs of universities; (2) the total freeze on scientific research undertaken by the Medical Research Council; (3) the question of whether both the federal government and the Council of Ministers of Education will consult with the representatives of working professors and researchers in regard to federal/provincial financing of higher education.

In addition to scheduled meetings with Cabinet Ministers such as C.M. Drury (Science and Technology), Hugh Faulkner (Secretary of State), and Robert Andras (Manpower and Immigration), who have an interest in funding education and research, the lobbyists focused on some forty MPs with campuses in their ridings and representing ridings where higher education is a major industry, providing employment for a significant sector of the community.

If the rumored cuts in payments under the Fiscal Arrangements Act were effected, the result could be a ten percent reduction in the operating budgets of universities. Provincial governments might choose to offset the loss of some federal funds, but the net effect across Canada would be a further increase in existing regional inequities in education.

The position presented by the lobbyists, therefore, was that the current level of the federal contribution to universities (including the current level of allowable annual increases) must be maintained if the

universities are to be allowed merely to hold their own in the present inflationary environment. They recommended that the existing agreements in the Fiscal Arrangements Act be extended for three years, to allow for careful negotiations between the federal government and the provinces.

The strong federal presence in support of research in the universities of Canada is crucial for the development of the universities, of science itself, and indeed of Canada. University research in this country has suffered disproportionately in relation to in-house government research and compares unfavorably with the situation in France, England, and the United States.

In this academic year, the government reduced its medical and scientific grants to university researchers and has now announced a freeze at this level for 1976-77. The Industrial Research and Development Incentives Act will be repealed at a cost of up to \$30 million a year in industrial research. The Medical Research Council has this year withdrawn three percent of the funds which it had already allocated to research workers and has had to cancel its June 1976 competition which is particularly designed for scientists entering the profession.

It should be pointed out that two-thirds of a typical grant is used to pay salaries of technicians and assistants. Thus the freeze of MRC and NRC budgets is not an invitation to professors to join in wage restraint but a restriction on the most underpaid individuals in the university and a serious curtailment of the purchase of equipment necessary to sustain ongoing research.

CAUT and the Federation of Biological Societies therefore recommended that the government restore some of the lost purchasing power to the granting councils (MRC, NRC, and Canada Council). An increase in these budgets to the percent allowed by the Anti-Inflation Board for increase in salary would not undo the effects of the restrictions of the last seven years. It would counter the effects of the inflationary decrease in purchasing power of the grants, and it would permit salary increases for technicians and professional assistants without creating the need for either a complete freeze on their salaries or for a cutback of skilled personnel.

CHARLES WILLIAM NASH 1915-1976

C.S. Nash, Professor of Pharmacology, died suddenly at work on March 23. Dr. Nash, who had been on the staff of the University of Alberta since 1954, was born in Snowflake, Manitoba, in 1915. He took a first degree in Pharmacy at the University of Manitoba in 1939 and a BSc in General Sciences at the same university in 1942. He pursued graduate studies in Physiological Chemistry at the University of Minnesota where he obtained a MSc in 1948 and a PhD in Pharmacology in 1953.

After three years as an Associate Professor at the University of Alberta, he was promoted to the rank of Full Professor in the newly formed Department of Pharmacology in 1957. In 1962 Dr. Nash was a visiting scientist in the laboratory of Chemical Pharmacology at the International Heart Institute in Bethesda, Maryland, and in 1973 was on sabbatical leave at the Department of Pharmacology at the University of Glasgow.

He was an active member of the Canadian Institute of Chemistry since 1949, the Canadian Physiological Society since 1956, and the Pharmacological Society of Canada since its formation in 1958, where he held the rank of Counsellor and President on several occasions. Dr. Nash was also a member of the American Society for Pharmacology and Experimental Therapeutics since 1962.

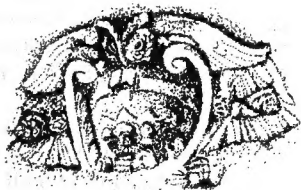
Dr. Nash's research was always in the field of cardiovascular physiology and pharmacology with recent emphasis on the action of drugs which influence nerve impulse transmission at the junctions of sympathetic nerves and effector organs. His research was continuously funded by grants from both the Albert Heart Foundation and the Medical Research Council of Canada. During an active research career, he published more than thirty full papers in scientific journals and made thirty presentations at local and international scientific meetings.

In the Department of Pharmacology, Dr. Nash was always keenly interested in undergraduate education. Because of his initial training in pharmaceutical science, he was responsible for the organization and development of the courses for pharmacy students as well as participation in other

undergraduate and graduate programs. He also served with distinction on the Councils of the Faculty of Pharmacy, Science, and Medicine for many years.

As Dr. J.S. Charnock, Chairman of the Department of Pharmacology, has stated: "Dr. Nash's sincere concern for his students has always been apparent and has won him many friends amongst the graduates and staff of the University of Alberta. His loss to the Department of Pharmacology and to the University will be long remembered by those who have had the privilege of close association with this scholar, educator, and gentleman."

The Stone Owl



The following is an abstract of an address by Duane T. Gish, Associate Director of the Institute for Creation Research in San Diego, California. Dr. Gish spoke at the University March 15, supporting creation as an alternative to evolution.

It is widely held that the special creation concept of origins can be supported by mere religious dogma while evolution theory offers not only a scientifically valid but a thoroughly substantiated explanation for the origin of the universe and the life it contains. This paper documents the fact that neither creation nor evolution has ever been observed by human witnesses, neither is subject to the experimental method, and neither is capable of falsification. It is evident, then, that neither is a valid scientific theory.

Furthermore, modern formulations of evolutionary mechanisms are vacuous and are contradictory to well established natural laws, and, in contrast to commonly accepted views, the fossil record actually contradicts the predictions of evolution theory. On the other hand, the major features of fossil

record conform admirably to the predictions based upon a creation model. When all of the scientific evidence is considered, creation provides a model for explaining origins that is superior to the evolution model.

Better science, an improved educational process, academic freedom, and cessation of the indoctrination of students in a mechanistic humanistic religious philosophy can be accomplished by presenting in textbooks and the classrooms of public schools both the creation and the evolution model for origins and all of the evidence relevant to these models, favorable and contradictory. Only then will true education be achieved.

EVOLUTION OR CREATION?

A lecture on this topic recently delivered on the campus by a former biochemist, Doctor Gish, was reported to have been unusually well attended. I did not hear the lecture but carefully read the lengthy summary circulated to staff members. This prompts me to a few comments.

Doctor Gish's main argument was that the present theory of *how* evolution works, that is, by cumulative natural selection of mutations of adaptive value, is inadequate, that it is, for example, incompatible with certain features of the geological record. This may be so, but nowhere in the summary did I see arguments against a phenomenon of evolution, evident to the great majority of scientists from a study of present living organisms and their apparent ancestors. Darwin about a century ago assembled enough evidence on this to convince the scientific world of his day. This and the data that have accumulated since can well be called overwhelming. Unless scientists in the relevant fields have faked their data and illustrations, how else can one interpret the series of fossils which seem to link a small four or five-toed mammal to the horse, or the, not one but several, "missing links" now known, which bridge the gap between man and some anthropoid ape.

The lecture summary also points out that no one has observed evolution in action. Doctor Gish admits that by its very nature it cannot be observed within a human life span. But one merely needs to enlarge somewhat the mental time scale one applies to human world history to perceive examples of evolution going on right now.

There are animals classified by competent zoologists as constituting full species of limited range, while others regard them as only unusually distinct subspecies (geographical forms, or races) of a related form which has

a wider range. Such animals are evidently the way to becoming full species provided they remain isolated (geographically or by behavior) from their parent form long enough for each to develop further adaptive differences from the other. The red grouse of Britain is an example. For centuries it was regarded as a full species; it is now accepted as the most distinctive of several subspecies of the circumpolar willow ptarmigan. The latter develops a snow-white winter plumage in evident adaptation to its northern habitat. The red grouse, in equally evident adaptation to its relatively snow-free island home, retains a brown plumage all year round. Though both forms have a brown summer plumage, the red grouse differs in all its plumages from other forms of willow ptarmigan. The "grouse" eats mainly heather; willow ptarmigan feed on a greater variety of plants. Red grouse are strictly sedentary—they have not even crossed over to the Orkneys from the nearby Scottish mainland. Many of the willow ptarmigan which breed on the tundra of our Northwest Territories migrate south in winter as far as Fort McMurray, over a distance of about 400 miles (a distance that would take the red grouse to France). These and other differences, coupled with some basic similarities, make it clear that this grouse developed from a willow ptarmigan ancestor, since it became an isolated population. This occurred less than a million years ago, a short time span on the evolutionary scale when, in the late Pleistocene, the English Channel was formed and Britain became an island. Driving home this interpretation, there is an intermediate Norwegian form of willow ptarmigan restricted to islands in Trondheim Fjord which only partially develops the white winter plumage and is clearly an intermediate between typical willow ptarmigan and those of Britain.

To my knowledge, no one has tested whether red grouse will mate with willow ptarmigan, and, if so, whether they would produce fertile offspring; most probably, as of now, they would. With equal probability, given a few more hundred-thousand years of isolation of the red grouse, this would not happen. It would have then evolved into a full new species. This is but one of many examples available.

How can such cases be explained by a *de novo* creation of nothing but full species? Or do creationists postulate that every subspecies was also separately created? In the case of mankind, was each race (the exact human equivalent of a subspecies) created separately?

E. Otto Honn,
Physiology

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PEOPLE

■ J. Paul Johnston, Associate Professor of Political Science, has been elected to the Executive Council of the Canadian Consortium for Social Research based at York University, Downsview, Ontario. Professor Johnston has been official representative to CCSR since its inception in 1972.

NOTICES

MOUNTAINEERING LECTURE

In September 1975, the first ascent of the 10,000-foot southwest face of Mount Everest was made by Doug Scott and Dougal Haston, members of a nineteen-man British expedition led by Chris Bonington. The climb is a landmark in mountaineering: the most difficult route on the world's highest mountain.

On Friday, April 2, at 8 p.m. in the Students' Union Theatre, the Edmonton chapter of the Alpine Club of Canada will sponsor a lecture by Doug Scott. Scott is a teacher by profession and a climber of considerable experience. He is also an excellent lecturer. His lecture will be accompanied by pictures. Admission is \$3, and tickets are available from the Students' Union Box Office, the Canadian Youth Hostels Association, and at the door.

HOSPITAL VOLUNTEERS

Anyone interested in working as a volunteer at the University of Alberta Hospital (visiting patients, accompanying them on outings, working in the library, and so on) should get in touch with the Coordinator of Volunteer Services at 439-5911, local 411.

ACADEMIC WOMEN'S ASSOCIATION

The next meeting of the Academic Women's Association will be held on Tuesday, April 6, in the Faculty Club. Dinner will be served at 6 p.m. Margaret Andrekson, member of the Board of Governors and the University Senate, will be the guest speaker. A business meeting will follow to approve the constitution and elect the new executive.

For dinner reservations, contact Ros Sydye, Department of Sociology, 5853.

WORKSHOP

The Touring Office of the Canada Council and Alberta Culture will hold a Sponsors' Workshop for Touring Attractions. The workshop, which is designed to help stimulate the touring of the performing arts throughout the province, will take place on

April 9, 10, and 11 at the Red Deer Lodge in Red Deer. Individuals, groups, and organizations interested in presenting and promoting performing arts are invited to attend; topics discussed will include such things as publicity and promotion, and budgeting and fund raising. Further information can be obtained from Jim Robertshaw, Alberta Culture, at 427-2559.

TRAINING PROGRAM FOR VOLUNTEERS

Birthright, a service organization for pregnant girls and women in distress, is looking for new volunteers. A training program consisting of six weekly evening sessions begins on Tuesday, April 6, at 8 p.m., at 9807 106 Street. For more information about the volunteer program, phone Paula Barry at 483-5165, Audrey Gourley at 436-4829, or Laurie O'Neil at 432-0568.

SARGENT-WELCH VACUUM PUMP WORKSHOP

A representative from Sargent-Welch will be on campus Thursday and Friday, April 1 and 2, to discuss the operating and maintenance aspects of Sargent-Welch vacuum pumps. Various models of pumps will be on display.

The representative will be located in Room 3-23 Mechanical Engineering Building between 9 a.m. and 4 p.m. on both days.

Anyone who wants to discuss any aspects of the pumps is welcome to call in at Room 3-23 at their convenience.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred.

1 APRIL, THURSDAY

Films

12:30 p.m. The Canada-USSR Association presents *Education in the USSR* and *Future of a Soviet Citizen*. 142 Students' Union Building.

Mathematics Colloquium

4 p.m. "Some Recent Results in the dynamics of general relativity" by J. Marsden of the University of California, Berkeley. 657 Central Academic Building.

Entomology Seminar

4:30 p.m. "Host selection in cerambycidae (long horned beetle)" by W. Stumpf. 245 Agriculture Building.

Cinematheque 16

7:30 p.m. *Cisco Pike*, starring Karen Black, Kris Kristofferson, and Gene Hackman. Downstairs, Edmonton Art Gallery. Admission \$2.

Art Gallery Concert

8 p.m. A bass duo with Peter Marck and Joel Quarrington performs at the Edmonton Art Gallery. Admission is free.

Music

8 p.m. Mike Seeger and the Country Music Caravan, including Lonnie Young and Sons, Lily May Ledford, and the Balfa Brothers, performs blues, hillbilly, cane fife and drum, and string band music. Students' Union Theatre. Admission \$5. Tickets available from Mike's, the Students' Union Box Office, and at the door.

2 APRIL, FRIDAY

Women's Studies Sampler

12 noon. "Virginia Woolf" by Patricia Gullivan, Assistant Professor of English. 142 Students' Union Building.

Lecture

3 p.m. Valeria Sestieri Lee will give a lecture on the techniques and development of Indian fresco painting. Edmonton Art Gallery.

Faculty Club

Downstairs. "Leo's Roar." Crusty chicken pie, jellied salad, and raspberry fool. \$3.95. *Upstairs.* Whole crab \$11.50. Also regular dinner menu. Reservations required.

Cinematheque 16

7:30 p.m. *Slaughterhouse Five*, the film from the novel by Kurt Vonnegut, Jr. Downstairs, Edmonton Art Gallery. Admission \$2.

Lecture

8 p.m. The Alpine Club of Canada presents a slide and lecture presentation by Doug Scott about his ascent of Mt Everest by the southwest face. Students' Union Theatre. Admission \$3. Tickets available at the Students' Union Box Office, the Canadian Youth Hostels Association, or at the door.

3 APRIL, SATURDAY

Faculty Club

Downstairs. "Club Trattoria." Eggplant parmigiano, insalata de Pomidori, and cassata. \$3.95.

Upstairs. Whole crab \$11.50. Also regular dinner menu. Entertainment: Vern Hittinger Trio.

Benefit Folk Concert

8 p.m. Local folk musicians will perform at this benefit to raise money for a technical school in South Vietnam. St. Joseph's Parish Hall, 113 Street and Jasper Avenue. Admission \$2.50.

Dance

8 p.m. The Tournesol Contemporary Dance Company performs in the Students' Union

Theatre. Admission is \$4 regular and \$3 for students. Tickets are available at the Bay, the Students' Union Box Office, and at the door.

4 APRIL, SUNDAY

Cinematheque 16

2 p.m. *The Bird with the Crystal Plumage* (Italy/Germany, 1969). Downstairs, Edmonton Art Gallery. Admission \$2.

'In Touch With U'

And every Sunday. 3 p.m. A program to introduce the University to the community at large. CITV channel 13, cable 8.

Concert

8 p.m. The University of Alberta Madrigal Singers, under the direction of Larry Cook, Assistant Professor of Music, performs in Convocation Hall. Admission is free.

5 APRIL, MONDAY

Lecture

11 a.m. "Mechanisms of cancer induction" by John H. Weisburger, Naylor Dana Institute for Disease Prevention. 470 Medical Sciences Building.

Film

2 p.m. and 6:30 p.m. *Mexico: the Frozen Revolution* (Mexico/Argentina, 1970). A documentary about Mexican political history. Multi Media Room, 2-115 Education North. Admission 50 cents.

Public Cancer Lecture

4 p.m. "On the Causes and prevention of the main human cancers" by John H. Weisburger of the Naylor Dana Institute for Disease Prevention. 227 Medical Sciences Building.

7 APRIL, WEDNESDAY

Art Gallery Lecture

8 p.m. Dennis Reid, Curator of Post-Confederation Art at the National Gallery of Canada, will speak on Tom Thomson's relationship to the group of friends who later formed the Group of Seven. Edmonton Art Gallery. Admission free.

8 APRIL, THURSDAY

Classics Seminar

4 p.m. "Lysias' Oration II and the events of 403/2-401/0" by T.N. Ballin. 1-8 Humanities Centre.

Entomology Seminar

4:30 p.m. "Microorganisms found in tsetse flies" by G. Baker. 245 Agriculture Building.

Cinematheque 16

7:30 p.m. *Joe* (United States, 1970). Starring

Peter Boyle. Downstairs, Edmonton Art Gallery. Admission \$2.

Art Gallery Concert

8 p.m. The Alberta Licorice Control Board, composed of ten students from the Alberta College Music Department, perform music for clarinet in choir, quartet and duet ensembles. Edmonton Art Gallery. Admission free.

Opera

8 p.m. The Edmonton Opera Association presents *La Boheme* by Puccini (in Italian) featuring Teresa Stratas and Jose Carreras. Jubilee Auditorium. Tickets available from all Woodward's stores.

9 APRIL, FRIDAY

Faculty Club

Downstairs. "TG It's Finished." Wiener schnitzel, kartoffeln, mimosa salad, apfelkuchen. \$4.

Upstairs. Regular dinner menu. Reservations required.

Concert

7 p.m. and 9:45 p.m. Ray Charles performs at the Jubilee Auditorium. Tickets available from Mike's, phone 424-8911.

Cinematheque 16

7:30 p.m. *The Last Detail* (United States, 1973). Directed by Hal Ashby, and starring Jack Nicholson and Randy Quaid. Downstairs, Edmonton Art Gallery. Admission \$2.

Concert

8:30 p.m. The National Press Club Jazz Band performs in the Students' Union Theatre. Tickets are available from the Students' Union Box Office and at Woodward's stores. This is a benefit sponsored by the Women's Committee of the Symphony.

10 APRIL, SATURDAY

Art Gallery Concert

2:30 p.m. The P.J. Perry Quartet plays jazz at the Edmonton Art Gallery. Admission is free.

Faculty Club

Downstairs. "Mardi Gras." Jambalaya, green peas, salad, and coffee cake. \$4.25. Entertainment: honky tonk piano.

Upstairs. Regular dinner menu. Reservations required. Entertainment: Sound Investment.

Opera

8 p.m. *La Boheme* by Puccini (in Italian), with Teresa Stratas and Jose Carreras. Jubilee Auditorium. Tickets available at Woodward's stores.

Concert

8:30 p.m. The National Press Club Jazz Band performs in the Students' Union Theatre.

Tickets are available from the Students' Union Box Office, the Jubilee Auditorium, Box Office, and Woodward's stores.

EXHIBITIONS AND PLAYS

Citadel Theatre

Until 3 April. *Mrs. Warren's Profession* by George Bernard Shaw. Directed by Tony Van Bridge. Citadel Theatre. Performances Tuesday through Saturday at 8:30 p.m. with Sunday performances at 2:30 p.m. and 7:30 p.m. Casual tickets available by phoning 424-2828.

Provincial Museum

Until 4 April. "Tom Webb Nature Photos," color photographs of butterflies, insects, birds, and mammals. Feature Gallery 1.

Until 25 April. "Portraits of the Indians," a display of paintings of native people by artists from Paul Kane to Nicholas de Grandmaison. Feature Gallery 2.

Until 11 April. "Chinese Woodcut Prints," a selection of forty prints from the People's Republic of China. Orientation Gallery.

Continuing. "Documentary Heritage," a long-term exhibition displaying valuable manuscripts and documents in the Provincial Archives of Alberta. Archives Gallery.

Edmonton Art Gallery

Until 18 April. "Roger Fry Paintings and Drawings," an exhibit of works by the influential twentieth century art critic.

Until 13 April. "19th Century Italian Art," oils, watercolors, and drawings.

4 April to 25 April. "Joseph Reeder," a one-man show of works of the artist, who is now teaching at Red Deer College.

Studio Theatre

Until 3 April. *Tom Jones Slept Here*, a musical version of the novel by John L. Hughes, is set in the birthplace of Tom Jones, the singer. The play is an exploration of the life in a ravaged working-class town. The presentation will incorporate film, slides, and sound effects to aid the text. Studio Theatre, Corbett Hall. Admission \$2.50 regular; tickets are free to students with University ID cards. Tickets are available from 3-146 Fine Arts Centre or by phoning 432-1495.

Citadel Too

Until 10 April. *You're Gonna Be Alright Jamie Boy* by Canadian playwright, David Freeman, author of *Creeps*. 10018 102 Street. Admission \$3 regular, \$2 for students. Tickets available from the Citadel Box Office, phone 424-2828.

Theatre Francais d'Edmonton

2, 3, et 4 avril. *Un Inspecteur Vous Demande* de J.B. Priestly. Collège Universitaire

5 Jean, 8406 91e rue. Pour renseignements et billets: 469-0829.

Camera Club

1 and 2 April. The University of Alberta Camera Club will hold a print and slide show of work by members. SUB Art Gallery. Hours are from 10 a.m. to 6 p.m. Admission is free.

SUB Art Gallery

2 April to 10 April. "Easter Exhibition and Sale," a sale of crafts by students and instructors from the SUB Arts and Crafts Centre. During the exhibition, registrations will be taken for craft classes beginning in early May in pottery, weaving, batik, and macramé. The Gallery is open from 12 noon to 7 p.m. weekdays and from 2 p.m. to 6 p.m. on weekends.

Northern Light Theatre

Until 9 April. A forty-five minute lunch-hour version of *Happy Birthday America*, a musical review jointly produced by Theatre 3 and Northern Light Theatre, will take place at the Art Gallery. Performances Monday through Friday at 12:10 p.m. with extra performances on Thursdays and Fridays at 1:10 p.m.

Faculty of Extension

4 and 5 April. "Spring Exhibition" of painting, painting, printmaking, and ceramics. The Gallery Room, Corbett Hall. The exhibition will be open from 1:30 p.m. to 4 p.m. on Sunday, and from 7 p.m. to 9 p.m. on Monday.

Theatre 3 Art Fair

Until 3 April. Featuring the work of over fifty Canadian artists, this Exhibition and Sale will include painting, pottery, photographs, weaving, and sculpture. Proceeds will go toward renovations of Theatre 3's new theatre. Southgate Shopping Mall.

NON-CREDIT COURSES

PRACTICAL INTRODUCTION TO MENTAL RETARDATION

The Centre for the study of Mental Retardation is presenting a lecture-workshop introduction to mental retardation for parents, foster parents, group home workers, volunteer, novice, and nonprofessional personnel working with the retarded. The program reviews the causes, characteristics, and classification of mental retardation; the principles of normalization; the medical aspects of mental retardation; learning and development characteristics; behavior management techniques; programming for growth; social-emotional-recreational development. In

addition, a full-day tour will be made of various community facilities for the retarded.

Evening classes are scheduled for April 13, 15, 20, 22, 27, 29, and May 6 from 7 to 9:30 p.m. All-day sessions will be held on Saturday April 24 and May 1. The tour will be held Tuesday, May 4. Cost of the course is \$20 for individuals, \$30 for married couples, and no charge for government houseparents. Registration forms and further information can be obtained by calling 432-4439 or 432-4505.

GETTING IN TOUCH WITH OUR HIGHER SELF

This workshop, which is sponsored by the Faculty of Extension, has been postponed until April 22 and 23.

John Conklin, the instructor, has indicated, "The workshop will involve two days of doing physical and mental exercises, talking, relaxing, and meditating with the over-all goal of getting more in touch with that part of ourselves which is the source of our higher or spiritual impulses such as altruistic love and will, spiritual insight, and compassion."

Those wishing to register may do so in 228 Corbett Hall. The workshop is limited to fifteen participants and costs \$30. Obtain further information by calling 432-5069.

POSITIONS VACANT

NON-ACADEMIC STAFF

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly.

Accounts Clerk I (\$527-\$653)—Office of the Comptroller
Clerk Typist II (\$505-\$627)—Provincial Laboratory
Clerk Steno II (\$527-\$653)—Medical Laboratory Science; Secondary Education; Household Economics; Clinical Services, Faculty of Education
Clerk Typist III (one-half time) (\$288-\$358)—Psychology; Chemistry
Bookkeeper II (one-half time) (\$300-\$376)—Cancer Research Unit
Clerk Typist III (\$576-\$713)—Physiology
Clerk Steno III (\$599-\$744)—Health Science, Audio Visual Education; Industrial and Vocational Education; Educational Psychology; Psychology
Clerk Steno III (three-fifths time) (\$340-\$446)—Mineral Engineering
Publications Clerk II (\$599-\$744)—Entomology
Data Entry Operator I (\$599-\$744)—Computing Services
Secretary (\$683-\$853)—Comparative Literature; Office of the Vice-President, Planning and Development; Psychology
Departmental Secretary (\$779-\$975)—Anatomy
Laboratory Assistant II (\$551-\$683)—Anatomy; Provincial Laboratory
Poultryman (trust) (\$713-\$891)—Animal Science
Electron Microscope Technician I (trust) (\$713-\$891)—Botany
Food Technician I (\$713-\$891)—Home Economics

Laboratory Technologist I (\$779-\$975)—Provincial Laboratory
Research Assistant (trust) (\$800-\$950)—Medicine
Bacteriology Technologist I (trust) (\$814-\$1,020)—Medical Bacteriology
Machinist Technician II (\$853-\$1,068)—Technical Services
Electronics Technician II (\$853-\$1,068)—Civil Engineering
Technology I (\$814-\$1,020)—Science, Microscope Laboratory
Analyst Trainee (\$932-\$1,171)—Physical Plant
Assistant Analyst (\$1,020-\$1,283)—Computing Services

The following is a list of currently available positions in the University Library. The bulletin board postings in the Library Personnel Office, 516 Cameron Library should be consulted for further information as to position requirements and availability.

Library Clerk II (\$527-\$653)—Out-of-Print
Library Clerk III (\$576-\$713)—Cataloguing
Clerk Steno III (\$599-\$744)—Education; Acquisitions

PERSONAL NOTICES

All advertisements must be received by 9 a.m. the Friday prior to publication. Rate is 15 cents per word for the first week, and 5 cents per word for subsequent weeks ordered before the next deadline. Minimum charge is \$1. Ads must be paid in advance. We regret that no ads can be taken over the telephone. For order forms or further information, telephone 432-4991.

Accommodation Available

For sale—large cottage lots Grandview area at Pigeon Lake. Power, gas, telephone access. 400 feet to good beach and boat launch. Nobbs Enterprises Ltd. 452-7558.

Five acres, Lot 6744, about two miles north of Simon Fraser University on north side of Burrard Inlet. Located at 500-foot elevation in Belcarra Park, 3,000 feet south of Bedwell Bay. View is west and north. Price \$41,000. Contact Montreal Trust, Real Estate Division, 466 Howe Street, Vancouver, attention G.C. Barker, (604) 688-4411 or (604) 266-7028 (res.).

For sale—Duggan. Enjoy the warmth and spaciousness of an open-beam cedar ceiling in this custom-built three-bedroom bungalow with 1½ baths, 1,265 square feet. Partially developed basement, RIDP, double garage, pie-shaped lot. \$77,500. 10815 38 Ave.

For rent—May to August 1976, furnished three-bedroom bungalow; finished basement, study. Lendrum. \$350/month. Phone 432-3535 or 435-8187.

For rent—Duggan, three-bedroom furnished bungalow. \$450/month. Available July 1976—August 1977. 432-5486 or 435-2788.

For sale—by owner. Two-bedroom, 1,100 sq. ft. bungalow. Basement fully developed with two bedrooms, full bath, dry bar, fireplace and rumpus room. Rear drive, wired, heated single garage. Landscaped lot with large trees. Extras include water softener, washer, dryer, power-humidifier, built-in dishwasher, new fireplace in the living room. Located south of the University in North McKernan district, ten-minute walk to University. For appointment to view phone 436-1635.

For rent—three-bedroom fully furnished semi-bungalow, North Glenora; five-minute drive to University. August 1 for twelve months. \$350/month. 455-1325.

Spencer Real Estate Ltd. has representatives specializing in re-locating University personnel. For professional assistance phone Mrs. Eid, 434-5780 or Mrs. Crockford, 434-0555; business, 436-5250. All inquiries held in strictest confidence.

For sale—beautiful older home in Garneau; walking distance to University. 1,240 sq. ft. three-bedroom semi-bungalow; basement finished. Home in excellent condition. Call Jerry Wynn at Royal Trust, 465-7811; 466-8656.

Thinking of selling your home? Today's real estate market fluctuates. Make sure you receive top value. Call a professional. Call Ross Lizotte, Buxton Real Estate Ltd., 436-1140, 426-5880, extension 990.

For rent—Riverbend: three-bedroom bungalow; July/August 1976 to August 1, 1977. Garage; appliances, including dishwasher and freezer; fireplace. Phone: 432-5567 or 435-6270 (evenings).

For rent—three-bedroom furnished bungalow in Windsor Park. One year. 439-5627.

For rent—spacious three-room furnished suite in split-level bungalow; kitchen, bathroom, separate entrance. Easy access University—½ block U2 bus. May-August. \$150/month. 432-5470; evenings, 433-8858.

Male graduate student will share furnished apartment (Campus Towers—½ block University) with mature male student. May 1—August 30 \$115/month. Write Box 39, Station 11, University of Alberta.

Wanted—responsible couple to look after home and two University sons during our Sabbatical, 1976-77. For further details phone 489-3152.

For rent—Riverbend furnished four-bedroom house: fireplace, sauna, on bus route. Single family, no pets. August 1, 1976—June 30, 1977. 432-5766, 434-0081.

For rent—two storey four-bedroom furnished home for fifteen months: June 1/76-August 31/77. Major appliances, fireplace, attached garage. No pets. Dr. D.M. Sheppard, 432-3637 or 435-1622 evenings.

Wanted second girl (22-25) to share partially furnished house. South \$120. Details 434-0355 evenings.

For sale—excellent location for professionals—close to University. Completely redecorated and freshly-painted four-bedroom split-level home. Features cozy sunken family room with wood-burning fireplace and sliding patio doors; French doors to dining room; main floor utilities and completely finished basement with extra bedroom and den. To view this immaculate home phone Jeanne Eid, Distacom, 426-5880, page No. 837 or business, 436-5250. Spencer Real Estate.

For rent—June 28 to August 27, furnished three-bedroom home in Malmo. Finished basement. \$85/week, utilities included. Phone 432-5865 or 434-2334.

To sublet—deluxe bachelor apartment; on campus; furnished, large desk; sauna and swimming pool. Available May-August. Rent negotiable. 433-2392.

For rent—June 15 or July 1/76—July 31/77; three-bedroom bungalow. Duggan, near schools and bus. 1,330 square feet, fireplace, large kitchen, five appliances. Garage. \$400/month. 432-5510 or 434-0434 evenings.

For sale by owner: Vacation property in Anglemont Estates overlooking Shuswap Lake, B.C. Half acre, heavily treed, lake view, concrete pad for building, paved road to site, power and water available. 433-2880 after six.

For rent—four-bedroom split-level home, North Windsor Park; three blocks University; completely furnished. 2,066 square feet; living, dining, kitchen, breakfast, utility rooms, two baths, double garage. Large treed lot near river bank. One year starting July 1. Main aim of owners is responsible occupancy of their home. 439-9660, 432-3693.

For rent—fully furnished home Capitol Hill area.

For one year commencing July 1, 1976. Four bedrooms. \$550/month. Phone 455-3741.

For rent—fully furnished three-bedroom home. Lease for one year commencing June 1976. Ten minutes from University. \$450/month. 465-1116.

For sale—quiet location on Saskatchewan Drive—luxurious four-bedroom bungalow with entertainment-size living and dining rooms; completely air conditioned; best quality carpeting throughout. Lower level professionally developed with large family room with fireplace, bar area, billiards room with full-size slate billiard table and full bath. If you are in the market for a home of fantastic quality, please phone Shirley Way-Nee, Potter Realty 436-3050; residence, 435-6032. You'll find the asking price of \$187,000 is realistic.

For rent—Duggan, fully-furnished three-bedroom bungalow; 1½ baths, rumpus room, laundry room, extra bedroom in basement. Dishwasher, freezer, washer, dryer, etc. Garage. Near bus, Southgate, University. One-year lease. \$400/month plus utilities. 435-2204.

Accommodation wanted

House wanted—Professor requires three-bedroom home in Belgravia, McKernan, or Parkallen. Will pay up to \$70,000. Please call Dorothy Hamilton, 439-7371 or 434-6147.

Wanted to rent—home for up to two years starting June 1, 1976. Two or three bedrooms. Single scientist; excellent home care assured. Contact Dr. R.R. Wallace, Freshwater Institute, 501 University Crescent, Winnipeg or phone 427-3943 Edmonton.

Wanted to rent—unfurnished two or three-bedroom house. May 1. University area or on good bus line (fifteen minutes). \$300. References. 433-0214 or 436-1758.

Wanted to rent—unfurnished two-three-bedroom home while on visiting appointment during 1976/77 academic year. Couple with seven year old boy. References available. Contact M.T. Ferejohn, Philosophy Department, University of California, Irvine, California 92664.

Wanted: responsible professional woman seeking small house to rent from June 1. 434-3876 evenings. Professor wants to rent house. September 1976—April 1977. Walking distance to University. 433-7065.

Automobiles and Accessories

1974 Pinto four-speed. Excellent condition. automatic. Offers. 434-9973.

For sale—1973 Capri 2,600, four-speed; new radials. Phone 467-8016 after five.

1974 Pinto four-speed. Excellent condition. Good buy. 432-5216 daytime. Mrs. White.

Goods and services

Plumbing—for estimates on basement bathrooms, repairs, gasfitting, etc., call 465-7079.

Will type theses, manuscripts, etc. Experienced typist. Phone 459-5276.

Peking, Shanghai food. Delicious, inexpensive. Simple surroundings. Shanghai House, 6525 111 Street. 435-7622.

Pan-abode pre-fab log buildings, homes, cottages, commercial. Phone Eric, 466-9883 after 5.

Income tax preparation, fast, reliable, inexpensive. Phone 429-1304.

Travel Adventure—Come with us on a camping holiday. Twenty-two-day all-inclusive overland treks up the Alaska Highway; twelve-day trips canoeing the Churchill River in Northern Saskatchewan or twelve days hiking in Banff and Jasper. Flexible itineraries. Shared duties; friendly atmosphere. It's all in our 1976 brochure. Write to: Canadian Camping Tours 250 - One, Palliser Square, Calgary T2G 0P6.

Stereo consultants specializing in speaker design and construction. We can save you money. Phone 432-0572.

Westcan International Treks. Pioneers of discriminating travel offer group-involved expeditions where travel is still an education and a very personal experience. Looking for something different away from the tourist traps? Join us this summer in Iceland, Persia, Russia, Africa, Alaska, South America. 1976 Program: *Four-Week Africa History Tour:* East Africa, game reserves, Indian Ocean beaches, canoeing, Kilimanjaro climbing; July 2, 16; \$975. *Four Week Iceland Expedition:* backwoods exploration, volcanoes, glaciers, hot springs; July 12; \$600. *Extensive Europe—South America Tours.* *Six Weeks Turkey, Persia:* archeology, history, exploration in the steps of Alexander. Colorful tribes, classical sites, beaches, on three seas; July 2; \$735. *Six Weeks Scandinavia, Russia:* Scandinavia, extensive Russia, Odessa, Black Sea resorts; July 12; \$650. Tours begin London inclusive food, equipment, transportation. Westcan International Treks, 9004 112 Street, Hub Mall Edmonton. 439-1222.

For sale—older Leica, five lenses, viewfinder, not synchronized, \$299. Contaflex 1, \$35; Gosson Sixtar meter, \$20. 432-5093.

Have bought new, want to sell old sectional living room set. Good condition. Phone Paul, 434-6152 evenings.

For sale—TEAC A-6010 professional four-track stereo reel-to-reel tape deck. Three years old. Excellent condition. Heads like new. 7" reels; speeds 7½ and 3¼. Extra playback head for auto reverse with built-in phase-sensing system. New, \$1,500. Accept \$1,000 or best offer. Phone John, 439-1026 after five for demonstration.

Windermere Golf Club associate membership available. 435-6523 after six.

Typing Associates—expert typing of theses, manuscripts, reports. Carbon ribbon. Paper supplied. Phone after five: Shannon, 462-3825 or Pat, 482-6611.

For sale—baby furniture, etc.; 500-watt 35mm projector; Sude-Saver tub; Hoover vacuum cleaner. Phone 434-9182, six-ten p.m.

Ecole Française "Les Colibris"—Vacancies for age group three to six; possibility all day program. Commences September 13, 1976. Inquire about registration. Third year summer French program for elementary school, grades one to four. Indoor and outdoor activities. Phone 439-7534 or write: 10711 Saskatchewan Drive.

For Sale—older nine-piece dining suite (probably forty-fifty years) and large old mahogany dining table. Phone 467-8016 after five.

Office space to share adjacent to University: five large comfortable offices, reception area, telephone answering, parking. Ideal for part-time consultants. 439-4921.

Wedding gowns. Professional designer. Original design or pattern. 469-5372.

Have sixteen horse power Case tractor, also rototiller, grass mower. Will do residences, acreages, private clubs, etc. Phone Jerry, 439-3531.

Handyman carpentry service. Phone John 434-9709.

Yoga Southwest Area. St. John's Church, 11111 57 Avenue, starts Monday, April 5; six-week course, two nights per week (twelve sessions). \$24. Mondays and Wednesdays: 10-11:30 a.m.; 6-7:30 p.m.; 8-9:30 p.m. Providence Centre, 3005 119 Street, starts Tuesday, April 6; six-week course, two nights per week; (twelve sessions). \$24. Tuesdays and Thursdays 10-11:30 a.m.; 6-7:30 p.m.; 8-9:30 p.m. St. John's Church, 11111 57 Avenue ten-day course. \$20. Starts May 17, Monday through Friday; 10-11:30 a.m.; 6-7:30 p.m.; 8-9:30 p.m. Jenny Van Donselaar, 439-2461.